

CTRONIC FIELD DEVICE WITH A SENSOR UNIT FOR PROCESS MEASUREMENT

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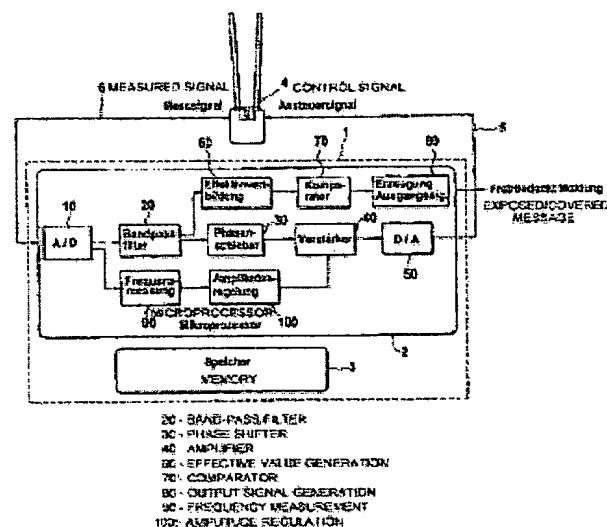
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Abstract of DE10161072

The invention relates to an electronic field device (1) with a sensor unit (4) for process measurement, whereby the electronic field device (1) is connected to the sensor unit (4) by means of corresponding signal paths (5, 6), the electronic field device (1) receives analogue measurement signals from the sensor unit (4), generates control signals for the sensor unit (4) and transmits the same to the sensor unit (4). According to the invention, the electronic field device (1) comprises an analogue/digital converter (10), a microprocessor (2) and a memory unit (3), whereby the analogue signals are digitised by means of the analogue/digital converter (10) and supplied to the microprocessor (2). The microprocessor (2) carries out the generation of the control signals according to given programming sequences, whereby the corresponding programmes are stored in the memory unit (3).



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